

# AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
A.B.N 43 006 014 106

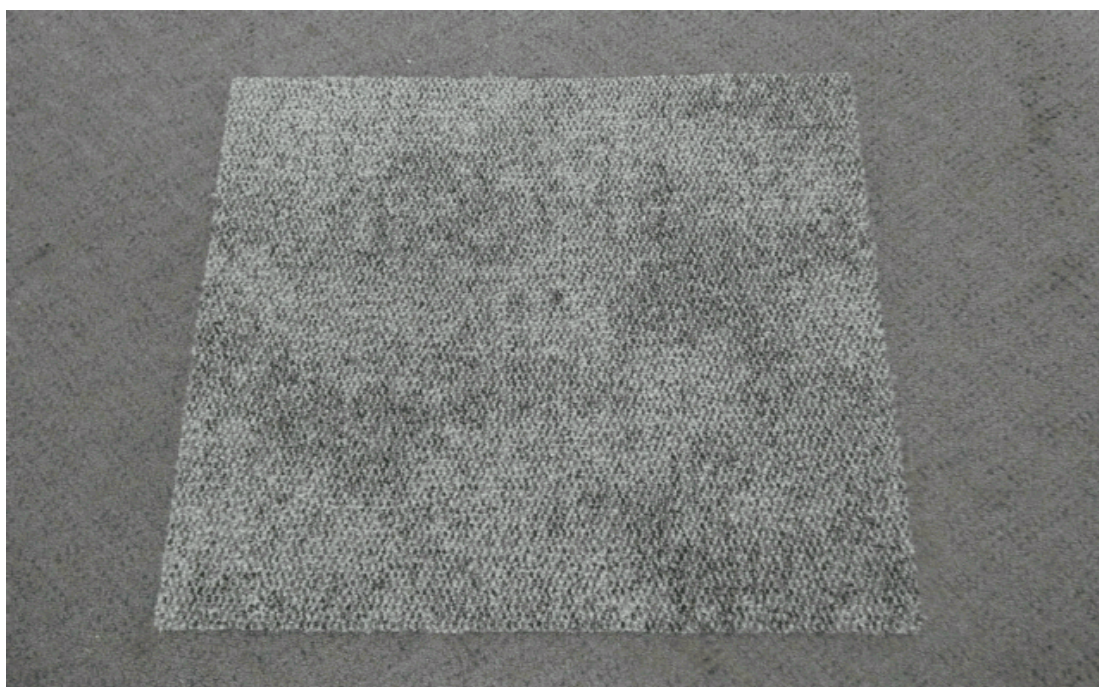
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
P.O Box 240, North Melbourne, Victoria 3051  
Phone (03) 9371 2400

## TEST REPORT

**Client :** Braeside Mills Operations P/L, T/A as Armstrong Flooring  
29-39 Mills Road  
Braeside VIC 3195

**Test Number :** 24-004619  
**Issue Date :** 23/01/2025  
**Print Date :** 23/01/2025  
**Order Number :** 208678

**Sample Description** Clients Ref : "Armstrong Carpet Tile Pile Height 4mm Pile weight 500g/m2 1/10 Gauge PE(H)"  
Loop pile carpet tile  
End Use : Flooring  
Nominal Composition : Solution Dyed Nylon with Polyethylene Backing  
Nominal Mass per Unit Area/Density : 500g/m2  
Nominal Thickness : Pile: 4mm



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Accreditation Numbers: 983, 985, and 1356

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Fiona McDonald

APPROVED SIGNATORY

  
MICHAEL A. JACKSON B.Sc.(Hons)  
MANAGING DIRECTOR

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### AS ISO 9239.1-2003

#### Reaction to Fire Tests for Floorings. Determination of the Burning Behaviour using a Radiant Heat Source

Date of Sample Arrival 15-11-2024

Date Tested 22-01-2025

|           |     |     |     |                       |
|-----------|-----|-----|-----|-----------------------|
| CHF Value | 1   | 2   | 3   | Mean                  |
| Length    | 5.4 | 5.0 | 4.8 | 5.1 kW/m <sup>2</sup> |
| Width     | 5.8 | -   | -   | - kW/m <sup>2</sup>   |

|             |     |     |     |                       |
|-------------|-----|-----|-----|-----------------------|
| HF-30 Value | 1   | 2   | 3   | Mean                  |
| Length      | 5.4 | 5.0 | 4.8 | 5.1 kW/m <sup>2</sup> |
| Width       | 5.8 | -   | -   | - kW/m <sup>2</sup>   |

|             |    |     |    |          |
|-------------|----|-----|----|----------|
| Smoke Value | 1  | 2   | 3  | Mean     |
| Length      | 61 | 112 | 59 | 77 %.min |
| Width       | 56 | -   | -  | - %.min  |

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### Observations:

Melting

Yes

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2010 at a temperature of  $23\pm 2^{\circ}\text{C}$  and relative humidity of  $50\pm 5\%$  for a minimum of 48 hours prior to testing.

Results in accordance with section 8.4 have not been included in the report. They are available upon request.

Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 656 adhesive and clamped prior to testing.

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